



# Department of Homeland Security IAIP Directorate Daily Open Source Infrastructure Report for 22 July 2004

Current Nationwide  
Threat Level is



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[www.whitehouse.gov/homeland](http://www.whitehouse.gov/homeland)

## Daily Overview

- The California Independent System Operator reports that a wildfire burned through a major transmission corridor tripping six 220–kilovolt lines out of service, forcing it to call on emergency assistance from several utilities, and to request 300–plus megawatts of voluntary load reduction from commercial and industrial energy users. (See item [5](#))
- The Associated Press reports President Bush has signed Project BioShield to develop and stockpile vaccines and other antidotes to chemical and germ attacks. (See item [29](#))
- The Department of Homeland Security conducted a symposium on “Public Preparedness – A National Imperative” with leaders in disaster preparedness, and response and recovery. (See item [30](#))
- The Associated Press reports a sport utility vehicle exploded in a parking lot at a Nashville, TN, hotel, killing one male inside. (See item [40](#))

### DHS/IAIP Update Fast Jump

**Production Industries:** [Energy](#); [Chemical Industry and Hazardous Materials](#); [Defense Industrial Base](#)

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## Energy Sector

**Current Electricity Sector Threat Alert Levels: Physical: Elevated, Cyber: Elevated**

Scale: LOW, GUARDED, ELEVATED, HIGH, SEVERE [Source: ISAC for the Electricity Sector (ES-ISAC) – <http://esisac.com>]

1. *July 21, East Valley Tribune (AZ)* — **Bird droppings likely shut down nuclear complex.**  
Investigators think they know what caused the nation's largest nuclear power complex to shut down last month — bird droppings. "There was a bird on a 230 kilovolt power line west of

Phoenix, AZ, and as the bird took off, it [defecated]. The excrement contaminated an insulator, and electricity flashed to the tower, creating a short," said Kwin Peterson, a spokesperson for the Western Electricity Coordinating Council. **The Council is looking into the Palo Verde nuclear plant incident that caused outages all the way to Canada.** At the time, utility officials said all three units at the station, plus the natural gas-fired Red Hawk power plant, turned themselves off because of a disturbance in the transmission system, and they did not know the cause. Such incidents happen all the time, Peterson said, but in this case a relay failed that normally would cause a circuit breaker to trip and contain the problem. A backup relay also failed, he said. **A final report due in about two months will make recommendations on how to prevent a reoccurrence,** he said. Palo Verde nuclear plant is located near Wintersburg, AZ. Source: <http://www.aztrib.com/index.php?sty=25078>

2. *July 21, WFSB-TV (CT)* — **Power outage shuts down businesses. Most of the power is back on following an explosion inside a manhole on Ford Street on Tuesday, July 20, in Hartford, CT.** The outage began at 10:34 p.m. Tuesday and lasted until just before 3 a.m. **Investigators do not know what caused the underground explosion that started it, but a preliminary explanation is that it was an equipment malfunction.** The explosion shot flames 20 to 30 feet into the air from manholes, city officials said. The outage affected downtown buildings, street lights and traffic signals. Mayor Eddie Perez said the outage was confined to the central business district, where there are few residential buildings and most businesses have backup generators. Connecticut Light & Power Co. (CL&P) sent crews to the scene to assess and repair the problem. **At one point some 7,000 customers were without power,** according to CL&P spokesperson David Radanovich. Radanovich said that by about 3 a.m. workers crews were able to isolate the damaged cables and restore power through cables that were not damaged. Crews were expected to work on repairs throughout Wednesday, taking some 18 to 30 hours to finish the job, according to Radanovich. Source: <http://www.wfsb.com/Global/story.asp?S=2067667>

3. *July 21, Mail Tribune (OR)* — **Transformer spews hot fire. An electrical transformer that blew its top Tuesday, July 20, in Central Point, OR, left thousands of people without power,** snarled evening traffic and rained burning oil onto a boat parked nearby. **Thick black smoke from the burning transformer oil caused power to arc between high-voltage lines, which produced a momentary power outage across much of Central Point and northwest Medford, OR.** As many as 4,000 Pacific Power customers were without electricity while repair crews worked to restore power, said Monte Mendenhall, the utility's regional community manager. The transformer failed around 3:40 p.m. Mendenhall said transformers fail for many reasons, such as excess heat or overloading, but they rarely burst into flame. "We're not sure why the top came off," he said. Source: [http://www.mailtribune.com/archive/2004/0721/local/stories/0\\_7local.htm](http://www.mailtribune.com/archive/2004/0721/local/stories/0_7local.htm)

4. *July 20, Cape Cod Times (MA)* — **Oil anxiety. Dealers, as well as consumers, are anxiously waiting to hear the price of heating oil for the coming winter. The reason is because record petroleum costs have kept heating-oil prices unseasonable high this summer, the time of year when prices usually dip their lowest and dealers stock up on oil for their bulk-rate, contract customers.** Reluctant to pay the high cost, dealers are holding off on buying supplies, meaning they can't set rates for contracts. Contracts allow customers to lock in rates either by purchasing oil up front, or by paying monthly at a capped rate. Michael Ferrante,

president of the Massachusetts Oilheat Council, a statewide industry association, said there is no absolute deadline for purchasing supplies for contract customers, but dealers buy "in the next month or so." In any case, the wait could be in vain. Political turmoil and terrorism in oil producing countries, growing energy demands in Asia as well as eager investors continue to push up petroleum prices. Inevitably, the higher prices will also hurt consumers who already struggle to pay heating oil costs, said Lisa Spencer, energy director for the South Shore Community Action Council.

Source: <http://www.capecodonline.com/cctimes/biz/oil anxiety20.htm>

5. *July 20, California Independent System Operator* — **California fire challenges ISO. A Southern California wildfire burned through a major transmission corridor Tuesday, July 20, tripping six 220–kilovolt lines out of service**, and forcing the California Independent System Operator (ISO) to call on voluntary interruptible customers to ease the burden on other lines that remained in service. The fire began affecting power lines at about 2:30 p.m. but initially other lines were available to handle the loss. However, **at 4:26 p.m., just as California was setting a new record peak demand on the ISO controlled grid, two more lines tripped out of service.** The ISO called on emergency assistance from several utilities and also called for 300–plus megawatts of voluntary load reduction from commercial and industrial energy users. No “firm load” was affected, meaning there were no involuntary load reductions. Continued hot weather is expected this week and fires pose an additional challenge.
- Source: <http://www.caiso.com/docs/2004/07/21/2004072109463417855.pdf>

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## **Chemical Industry and Hazardous Materials Sector**

6. *July 01, Plastics Technology* — **Lubrizol buys Noveon. Lubrizol Corp., a producer of plastics lubricants and other specialties in Wickliffe, OH, completed its acquisition of Noveon International Inc. of Cleveland, OH, on June 3.** Noveon's products include TempRite chlorinated PVC resins and compounds, Estane TPUs, and Hycar reactive liquid polymers for adhesives and resin modification. Noveon will be a wholly–owned subsidiary.
- Source: [http://cnni.wyellowbrix.com/pages/cnniw/Story.nsp?story\\_id=54275133&ID=cnniw&scategory=Chemicals&](http://cnni.wyellowbrix.com/pages/cnniw/Story.nsp?story_id=54275133&ID=cnniw&scategory=Chemicals&)

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## **Defense Industrial Base Sector**

7. *July 21, Federal Computer Week* — **Standards body eyes JTRS.** A computer industry consortium may adopt the military's Joint Tactical Radio System (JTRS) architecture as the international commercial standard for software–defined radios. **Officials at the Object Management Group (OMG) are finalizing standards based on the JTRS software communications architecture, according to a military statement. The architecture defines a framework for hardware and software that allows for the reuse of radio casing saving manufacturing and recycling costs.** The Department of Defense's JTRS program director said the decision shows the quality of the work done by the military and industry during the radio's

design and development phase. JTRS devices are designed to replace the military's disparate radios with a unified standard that can be customized for each service. The military owns more than 750,000 radios of 25 makes and models, many of which are incompatible. Defense officials hope the new systems will decrease those numbers and increase radio functionality by operating across the spectrum from 2 MHz to 2 GHz.

Source: <http://www.fcw.com/fcw/articles/2004/0719/web-jtrs-07-21-04.asp>

8. *July 21, Reuters* — **U.S. government maintains position on F-35 jets. The U.S. Air Force has not changed its plan to purchase 1,763 F-35 Joint Strike Fighter jets, a U.S. Department of Defense official said on Wednesday, July 21. Investors, analysts and aerospace executives have worried that U.S. budget constraints may cause the Air Force to trim its projected \$245 billion U.S. purchase,** which is expected to grow to about 2,400 planes by 2027, the largest warplane project ever. There's still a chance numbers could change as the budget undergoes review, said Steven Enewald, director of the F-35 program for the Department of Defense. "My view is that we will go through many iterations of numbers and force structure as we go through (reviews)," he said. Marvin Sambur, the assistant secretary for acquisition, said the F-35 is among the Air Force's top three acquisition priorities, along with the F/A-22 multi-role fighter, which he called the top priority, and network-centric systems designed to provide a common, real-time picture of the battlefield over a digitally linked network.

Source: [http://biz.yahoo.com/rc/040721/airshow\\_lockheed\\_f35\\_2.html](http://biz.yahoo.com/rc/040721/airshow_lockheed_f35_2.html)

9. *July 21, Government Accountability Office* — **GAO-04-915: Military Operations: Fiscal Year 2004 Costs for the Global War on Terrorism Will Exceed Supplemental, Requiring DOD to Shift Funds from Other Uses (Report).** To support the Global War on Terrorism in fiscal year 2004, the Congress appropriated \$65 billion to the Department of Defense (DoD) in an emergency supplemental appropriations act. To assist the Congress in its oversight role, the **Government Accountability Office (GAO) reviewed (1) the adequacy of current funding for fiscal year 2004 war-related activities and (2) actions DoD is undertaking to cover anticipated shortfalls, if any.** GAO is also making observations on efforts to require greater accountability to the Congress on the use of funds appropriated to DoD for contingency operations. GAO recommends that the Secretary of Defense revise DoD cost reporting guidance so that large amounts of obligations are not shown in "miscellaneous" categories. To better assess the adequacy of previously provided funding, the Congress may wish to direct DoD to report on the adequacy of funding for the war on terrorism. Highlights:

<http://www.gao.gov/highlights/d04915high.pdf>

Source: <http://www.gao.gov/new.items/d04915.pdf>

10. *July 21, American Forces Press Service* — **Schoomaker says U.S. Army transformation on track.** Lessons learned during the war on terror are helping guide the U.S. Army's transformation into a force that's agile and flexible enough to confront the threats facing the United States, Army Chief of Staff Gen. Peter Schoomaker told Congress on Wednesday, July 21. Schoomaker testified before the House Armed Services Committee that the Army's efforts to reorganize and re-equip itself to deal with terrorism and other current threats while modernizing for the future are on track and advancing on schedule. "The Army has to be relevant to our nation's needs," Schoomaker said. **The Army's transformation -- which includes sweeping changes in the way the Army trains and fights to confront this threat**

and others in the future — is progressing in "a deliberate, controlled fashion" that ensures no capabilities are lost as new ones are introduced, he said. Schoomaker stressed that this transformation isn't simply about new equipment, vehicles, doctrine, tactics or training. Rather, it represents a total overhaul in the way the Army trains and fights — an effort he said "will go on to infinity" as the service adapts to changing circumstances and threats.

Source: [http://www.defenselink.mil/news/Jul2004/n07212004\\_2004072104.html](http://www.defenselink.mil/news/Jul2004/n07212004_2004072104.html)

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## **Banking and Finance Sector**

11. *July 21, WebUser (UK)* — **Russian net gang smashed. The UK's National Hi-Tech Crime Unit (NHTCU) crime fighters have arrested members of a Russian gang that are believed to have extorted hundreds of thousands of pounds from online betting sites in Britain.** A joint operation between the NHTCU and its counterparts in the Russian Federation resulted in the arrest of three men in Russia on Tuesday, July 20. **According to the NHTCU, online bookies in the UK have been subject to attacks and demands for money since October 2003. The arrested men are part of a gang that is suspected of launching attacks on the servers and Websites of online sportsbooks.** The attacks bombarded the servers with thousands of messages, effectively shutting down the company and costing millions of pounds in lost business. The gang then sent e-mail demands, asking for money in order for the attacks to be stopped for one year. As part of the investigation, ten members of the gang were arrested in Riga, Latvia, last November 2003. Officers were able to identify the financial trail which led to the gangsters arrested Tuesday in Russia.

Source: <http://www.webuser.co.uk/news/56483.html>

12. *July 21, Government Computer News* — **FTC wants to encourage e-mail authentication standards.** The Federal Trade Commission (FTC) is responsible for policing the Internet for online fraud such as phishing, but keeping up with the onslaught of new schemes is a major challenge. **Being able to identify the origin of e-mail is key to enforcing laws against deceptive spam and other online fraud, so FTC will host a summit for industry experts this fall to help develop requirements for an e-mail authentication standard.** Phishing is an automated form of social engineering, using phony e-mail apparently from legitimate businesses or government agencies to trick consumers into revealing personal and financial information. A number of anti-phishing bills have been introduced in Congress, and Jesse Wadhams, technology policy counsel to the Senate Republican High Tech Task Force, said the issue has Congress' attention. However, effective enforcement requires authentication technology. **A number of standards are in the works for authenticating the origin of e-mail.** FTC is not a standards-setting body, but it is eager to see an authentication standard in place and in use.

Source: [http://www.gcn.com/vol1\\_no1/daily-updates/26674-1.html](http://www.gcn.com/vol1_no1/daily-updates/26674-1.html)

13. *July 20, SecurityFocus* — **ATM keypads get a security boost.** The financial industry is working to close one more chink in the Automated Teller Machine's (ATM) armor: the humble PIN pad. Last year Visa International formally launched a 50-point security certification process for "PIN entry devices" (PEDs) on ATMs that accept Visa. In addition to Visa's certification program, MasterCard has set an April 1st, 2005 deadline for ATMs that



accept its card to switch their PIN encryption from Data Encryption Standard (DES) to the more secure Triple DES algorithm. However, despite these efforts, **the financial sector continues to suffer massive losses to increasingly sophisticated ATM fraud artists, who take home some \$50 million a year in the U.S. alone, according to estimates by the Electronic Funds Transfer Association. To make these mega withdrawals, swindlers have developed a variety of methods for cloning or stealing victim's ATM and credit cards.** Visa's certification requirements try to address hardware assisted fraud. Under the company's standards, each PED must provide "a means to deter the visual observation of PIN values as they are being entered by the cardholder." Visa says it is now working with rival MasterCard to develop an industry wide standard for ATM security.

Source: <http://www.securityfocus.com/news/9161>

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## **Transportation Sector**

14. *July 21, Associated Press* — **Romney signs transportation reform package.** Massachusetts Gov. Mitt Romney signed a reform package Wednesday, July 21, designed to help consolidate Massachusetts' transportation agencies by giving the state's transportation secretary sweeping new powers. The plan would make the secretary chairman of the Massachusetts Turnpike Authority, a board member of Massachusetts Port Authority and chairman of the Massachusetts Aeronautics Commission. The changes would not happen until 2007, when the contract for Matthew Amorello, the current Turnpike Authority chairman, expires.

Source: <http://news.bostonherald.com/localRegional/view.bg?articleid=36588>

15. *July 21, Associated Press* — **Small airlines ground the majors.** Some industry observers say the big carrier concept is an endangered species as competition increases from low-fare airlines. The need to reduce wages and increase employee efficiency has been the mantra at several major airlines, particularly Atlanta-based Delta Air Lines Inc., as they try to meet the challenge. **But analysts, academics and even some airline executives believe that may not be enough to save these carriers because of their size, the low ticket prices people want and the government's unwillingness of late to step in and help.** Known as legacy carriers, the six airlines — Delta, United Airlines, American, Northwest, Continental and US Airways — had a large presence in multiple regions prior to deregulation in 1978. **The big carriers have benefited in the past by operating a hub-and-spoke system, using big cities as bases from which connecting flights to smaller markets are routed. Most of the low-fare carriers have succeeded by operating a point-to-point system focusing on large markets.** But the low-cost airlines are moving onto the big companies' turf. For example, Orlando, FL-based discount carrier AirTran has expanded into a single hub-and-spoke type system centered around its Atlanta base, and CEO Leonard recently said AirTran is eager to expand into small markets.

Source: <http://www.cincypost.com/2004/07/20/carriers07-20-2004.html>

16. *July 21, Associated Press* — **Delta CEO calls for more wage concessions.** The chief executive of struggling Delta Air Lines Inc. told the pilots union Wednesday, July 21, that its latest wage concession proposal to save up to \$705 million a year is a good start, but doesn't go

far enough. **The nation's third-largest carrier had previously asked for \$850 million in cuts, but now believes even that would not be enough to save Delta from bankruptcy. Executives have not said how much more they are looking for.** In a letter to Capt. John Malone, chairman of the Air Line Pilots Association's executive committee, CEO Gerald Grinstein said he has scheduled a meeting for July 28 to discuss the company's future. Employees will be invited and questions will be taken about issues including the proposal, but it will not be a formal negotiation session. **In a statement, Malone said "Delta's financial problems cannot be cured by pilot concessions alone."** Ray Neidl, an airline analyst with Blaylock & Partners in New York, said negotiations could drag on through the summer, pushing Delta dangerously close to bankruptcy. But he said he is more confident than before that a deal can be reached because of the new proposal.

Source: [http://abcnews.go.com/wire/Business/ap20040721\\_1680.html](http://abcnews.go.com/wire/Business/ap20040721_1680.html)

17. *July 20, GovExec.com* — **Immigration agency seeks to beef up financial investigations.** The Immigrations and Customs Enforcement (ICE) Bureau's financial investigations program has successfully integrated legacy personnel, and plans to hire additional agents, a senior official said Tuesday. **ICE launched the Cornerstone program a year ago this month to target alternative financing mechanisms that terrorist and criminal organizations.** While the program is meeting its current mission, ICE plans to add more agents in the future, said Marcy Forman, the agency's director of investigations, at a forum in Washington. "A key component in our training academy is Cornerstone and money laundering," Forman added. "Any time a new recruit comes in, they are trained in the money-laundering aspects of the various authorities [we have], as well as Cornerstone." **The Government Accountability Office (GAO) concluded in a November 2003 report that government agencies should investigate how terrorists might use alternative financing schemes.** "Terrorists earn assets through illicit trade in myriad commodities, such as drugs, weapons, cigarettes and systems, such as charities, owing to their profitability," GAO said. "Like other criminals, terrorists can trade any commodity in an illegal fashion, as evidenced by their reported involvement in trading a variety of counterfeit goods."

Source: [http://www.govexec.com/story\\_page.cfm?articleid=29026&dcn=to daysnews](http://www.govexec.com/story_page.cfm?articleid=29026&dcn=to daysnews)

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## **Postal and Shipping Sector**

18. *July 21, DM News* — **USPS sees steady rates until 2006.** The U.S. Postal Service (USPS) expects to hold rates steady through 2006 after a positive third-quarter performance, chief financial officer Richard J. Strasser Jr. said in a quarterly fiscal update to the Board of Governors Tuesday, July 20. USPS had a net income of \$259 million during the period, Strasser told governors. **Postmaster general John E. Potter has promised mailers that the postal service won't implement another rate case until at least calendar year 2006.** The third quarter, which ended June 30, also saw an increase in energy costs of \$80 million compared to the third quarter of fiscal 2003, Strasser said. Nevertheless, expense growth was held to 2.8 percent. Estimated mail volume increased two percent.

Source: [http://www.dmnews.com/cgi-bin/artprevbot.cgi?article\\_id=29694](http://www.dmnews.com/cgi-bin/artprevbot.cgi?article_id=29694)

19.

*July 21, Federal Times* — **USPS cites savings through automation. The U.S. Postal Service (USPS) on July 20 said automating letter-mail processing has saved \$20.6 billion over the last 17 years.** Chief Financial Officer Richard Strasser told the Board of Governors that the Postal Service has installed 14,000 pieces of equipment over that time at a cost of \$5.6 billion. The Postal Service brought in \$16.6 billion in revenue in the third quarter of fiscal 2004. Strasser credited the income to increased productivity and work-force reductions.  
Source: <http://federaltimes.com/index.php?S=265581>

- 20. *July 21, KSAT (TX)* — Mail theft problems concern Postal Service. A recent rash of mailbox thefts has left some San Antonio, TX, residents worried about the safety and security of the mail, and the U.S. Postal Service cautioning customers.** One San Antonio woman lost \$1,400 after thieves went fishing in a mailbox, right in front of a local post office. She dropped 20 mail items into a South Side mailbox, only to discover later that all of the items were stolen, she said. U.S. Postal Inspector Doug Turner cautioned customers not to take mail safety for granted. **Police estimate that about \$200,000 in checks and money orders have been taken from city mailboxes in the past few months.** At least 50 people have been arrested in the last year related to the problem. The Postal Service has taken steps to harden the boxes, by reinforcing the locks and making it harder to pry them open.  
Source: <http://www.ksat.com/defenders/3558353/detail.html>

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## **Agriculture Sector**

- 21. *July 21, Agprofessional.com* — Andersons Inc. sells centers to Archbold Agri-Services.** **Andersons Inc. has announced that it has reached an agreement to sell its Lyons, OH, and Munson, MI, Farm Centers to Archbold Agri-Services.** Under the new ownership, the facilities will continue to provide agricultural services and products to growers in southeast Michigan and northwest Ohio. Although terms of the sale were not disclosed, the arrangement included a multi-year supply agreement with the Agriculture Group's Plant Nutrient Division. Denny Addis, Plant Nutrient Division President, stated, "Although the division is primarily a wholesale marketer of agricultural nutrient inputs and industrial products, it maintains ownership of seven retail farm centers. The division remains committed to maintaining its position in the agricultural retail business. The farm centers also serve many of the same grower customers as the Agriculture Group's Grain Division." Archbold Agri-Services is a privately held company with headquarters in Archbold, OH. In addition to the newly acquired Lyons and Munson Farm Centers, it also operates three northwest Ohio facilities located in Archbold, West Unity, and Pulaski.  
Source: [http://www.agprofessional.com/show\\_story.php?id=26314](http://www.agprofessional.com/show_story.php?id=26314)

- 22. *July 21, Voice of America* — Indonesia reports new outbreak of bird flu. Bird flu has resurfaced in parts of Indonesia, prompting health officials to implement a massive campaign to vaccinate chickens. The latest outbreak follows a resurgence of bird flu in China, Thailand, and Vietnam in recent weeks.** Indonesian agricultural ministry officials said Wednesday, July 21, the government plans to distribute as many as 300 million doses of vaccine to poultry farmers in a bid to halt a fresh outbreak of bird flu. Indonesia is the latest country to report an outbreak of the H5N1 strain of avian flu that has hit Southeast Asia. Earlier



this year, the virus swept through much of Asia, forcing governments to cull millions of birds. The first avian flu outbreak disrupted the region's poultry industry. Thousands of farmers lost their flocks, and many countries around the world banned imports of poultry from infected countries.

Source: <http://www.voanews.com/article.cfm?objectID=0ACA4EE3-718C-4F1D-90BCFF70A3A9612A>

23. *July 21, Medical–News.net* — **Genome decoded.** The Sanger Institute has completed the sequence and analysis of *Erwinia carotovora* subsp. *atroseptica* strain SCRI1043. **This bacterium is an important plant pathogen, causing soft rot and blackleg in potato.** However, it is also a member of the Enterobacteriaceae, a group of organisms usually found associated with animals, and it is related to *Escherichia*, *Shigella*, *Salmonella* and *Yersinia*, groups which include the bacteria responsible for food–poisoning, typhoid fever and plague in humans. The analysis shows that *Erwinia* shares a common set of core functions with these organisms, but uses accessory factors, often acquired from other, unrelated, plant pathogens, to cause some aspects of disease. This study emphasises the evolutionary flexibility of this group of bacteria, and underlines that fact that common mechanisms are used for bacterial interaction with diverse eukaryotic hosts.

Source: <http://www.news-medical.net/?id=3477>

24. *July 20, Agence France Presse* — **Newcastle disease outbreak on Finnish turkey farm.** An outbreak of a highly contagious bird illness known as Exotic Newcastle disease has been discovered on a turkey farm on the Finnish west coast, the ministry of agriculture and forestry said. **The illness, also known as pneumoencephalitis, was discovered at a turkey ranch in the Satakunta region, some 155 miles northwest of Helsinki, the ministry said.** The illness was discovered during routine testing, and all turkeys on the affected farm have been culled and destroyed. In addition the ranch has been put into quarantine and will be disinfected, it added. While the viral infection is deadly, it is harmless to humans and was last seen in Finland in 1996.

Source: [http://story.news.yahoo.com/news?tmpl=story&cid=1507&ncid=1507&e=9&u=/afp/20040720/hl\\_afp/finland\\_health\\_040720183257](http://story.news.yahoo.com/news?tmpl=story&cid=1507&ncid=1507&e=9&u=/afp/20040720/hl_afp/finland_health_040720183257)

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## **Food Sector**

25. *July 21, CBC News (Canada)* — **E. coli found in beef. A Quebec woman has died and five others have been hospitalized after handling ground beef contaminated with the E. coli bacteria, public health officials say.** The woman, who was in her 80s, died after eating the meat purchased in a supermarket in Ste–Eustache, Quebec, located north of Montreal, Canada. The woman was one of six people hospitalized in the Lower Laurentians region since the beginning of the month, health officials said. One person is still in hospital. Officials immediately issued a recall of the beef at the store. CTV News reported that the Canadian Food Inspection Agency also recalled ground beef from three other stores in the area and a store in Labrador. The recall was ordered after beef contaminated with *E. coli* was discovered in an Alberta plant. It is not known if the *E. coli* outbreak in Quebec is linked to the meat in the Alberta plant.

Source: <http://www.cbc.ca/stories/2004/07/20/ecoli040720>

26. *July 19, Iowa Farm Bureau* — **USDA launches new food safety initiatives.** U.S. Department of Agriculture (USDA) Undersecretary for Food Safety Elsa Murano has announced several new initiatives aimed at enhancing food safety and public health. **The initiatives include data collection linking various foodborne illnesses to specific commodities, the application of risk-based principles to enforcement actions, and enhanced data integration.** Murano also released a document, "Fulfilling the Vision: Initiatives in Protecting Public Health," which reviews recent successes and builds on the course laid out last year to improve the prediction and response to food safety challenges in order to further reduce foodborne illnesses, she said. Murano noted that efforts to combat E. coli O157:H7 and salmonella have resulted in significant reductions in illnesses from those organisms.

Source: <http://www.ifbf.org/publication/spokesman/story.asp?number=2799&type=News>

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## **Water Sector**

27. *July 21, Rocky Mountain News (CO)* — **Lake Powell's low water levels cause alarm amid drought. If the West's drought persists another 18 months, Lake Powell could dip so low that states along the Colorado River, would be asked to use less water, a water expert said Tuesday, July 20.** Scott Balcomb, Colorado's representative on the seven-state Colorado River Commission, said Powell's water levels could sink below Glen Canyon Dam's turbines, which supply part of the West's power. **Lake Powell is full at 24 million acre-feet but at the end of June there were only 10.4 million acre-feet, the lowest it's been since 1980.** The Colorado River waters the West. Flows are divided in half between the upper basin states — Colorado, Wyoming, New Mexico, and Utah — and the lower basin states of Arizona, Nevada, and California. The river commission manages the shared water. The upper basin states use their legal share, but could be asked to give up water to raise Lake Powell, said Balcomb. For Colorado, the sacrifice could affect farmers, ranchers and towns, mostly on the Western Slope. Arizona, California, and Nevada — all downstream of Lake Powell — waste some of the water released from Lake Powell and could be asked to conserve, he said.

Source: [http://rockymountainnews.com/drmn/state/article/0,1299,DRMN\\_21\\_3052335,00.html](http://rockymountainnews.com/drmn/state/article/0,1299,DRMN_21_3052335,00.html)

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## **Public Health Sector**

28. *July 21, Boston Globe (MA)* — **Bioterror research spurs ideas in medicine. Boston area scientists are developing a sensor capable of sounding an early alarm about acts of bioterrorism, a paperback-sized device that would be integrated into ventilation systems to detect trace amounts of anthrax, ricin, and other potentially lethal toxins. The same technology is about to be tested as a way to diagnose disease.** A century ago, doctors routinely sniffed the breath of patients to identify illness. The new device relies on the same concept. The device samples air drawn through heating and cooling systems. Fine, airborne particles are broken down into their molecular building blocks, with electrical charges placed

on those molecules so that they can be recognized by the detector. Then, the charged components travel across a tiny electrical field tuned to allow only potentially threatening agents to reach the end. When one of the suspect molecules makes it through, the sensor compares it with molecular fingerprints of rogue agents stored in its computer. If a match is made, an alarm sounds. The scientists working on the sensor said tests show it can successfully identify three harmless strains of bacteria that are cousins of anthrax. In the future, they will try it on anthrax. The Boston team is expected to have a detector ready for field testing by late 2005.

Source: [http://www.boston.com/news/local/massachusetts/articles/2004/07/21/bioterror\\_research\\_spurs\\_ideas\\_in\\_medicine/](http://www.boston.com/news/local/massachusetts/articles/2004/07/21/bioterror_research_spurs_ideas_in_medicine/)

29. *July 21, Associated Press* — **President signs vaccine legislation. President Bush on Wednesday, July 21, signed legislation to develop and stockpile vaccines and other antidotes to chemical and germ attacks. The legislation, called Project BioShield, provides the drug industry with incentives to research and develop bioterrorism countermeasures.** It speeds up the approval process of antidotes and, in an emergency, allows the government to distribute certain treatments before the Food and Drug Administration has approved them. U.S. officials are hoping that Project BioShield will yield enough new-generation anthrax vaccine to dose 25 million people. Federal health officials also hope that the \$5.6 billion program will provide antidotes for botulism and anthrax, a safer smallpox vaccine and a long-awaited children's version of an anti-radiation pill. The program received bipartisan support in Congress. It passed the House on a 414–2 vote July 15. The discovery of sarin gas in a roadside bomb in Iraq and ricin and anthrax attacks against the Capitol spurred the Senate to pass it 99–0 in May.

Source: [http://www.washingtonpost.com/wp-dyn/articles/A2036-2004Jul2\\_1.html](http://www.washingtonpost.com/wp-dyn/articles/A2036-2004Jul2_1.html)

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## **Government Sector**

30. *July 20, Department of Homeland Security* — **A better prepared America: a year in review.** On Tuesday, July 20, the Department of Homeland Security, the American Red Cross, the George Washington University Homeland Security Policy Institute and the Council for Excellence in Government brought together leaders in disaster preparedness, and response and recovery as part of the “Public Preparedness – A National Imperative” Symposium. **Working together, leaders identified certain challenges and barriers to citizen preparedness as well as specific recommendations that will support the Department of Homeland Security’s National Strategy for all Hazards Preparedness to be released later this year.** Text of Secretary Ridge’s remarks: [http://www.dhs.gov/dhspublic/interapp/speech/speech\\_0194.xml](http://www.dhs.gov/dhspublic/interapp/speech/speech_0194.xml)

Source: [http://www.dhs.gov/dhspublic/interapp/press\\_release/press\\_re lease\\_0465.xml](http://www.dhs.gov/dhspublic/interapp/press_release/press_re lease_0465.xml)

31. *July 19, Associated Press* — **Ridge, governors examine terror scenarios. Homeland Security Secretary Tom Ridge gave governors a taste of terror Monday, July 19, playing out a simulated "tabletop" bioterrorism attack and likely responses -- from trying to keep the public informed and calm to carrying out massive vaccinations.** Gathered In Seattle, WA, for the final day of a National Governors Association meeting, state leaders brought their own concerns about homeland security to the simulation. Behind closed doors,

governors were faced with a scenario of simultaneous bioterrorist attacks in cities in several unspecified states, then discussed responses through several steps — from the first credible report, to engaging law enforcement, intelligence, and information officials to deploying of stockpiled vaccines. The hypothetical attack involved anthrax, brought into the country by al Qaeda through the ports and spread by crop-duster planes, according to one person attending the private meeting. **Governors were particularly interested in how much information they would get from the federal government, and discussion included the state of readiness of bioterror vaccines.** Governors welcomed the simulation, even if the exercise was something less than a full-blown terrorist exercise, which usually lasts for a day or two and brings in officials from all agencies that would be involved.

Source: [http://news.yahoo.com/news?tmpl=story&u=/ap/20040719/ap\\_on\\_re\\_us/governors\\_security\\_1](http://news.yahoo.com/news?tmpl=story&u=/ap/20040719/ap_on_re_us/governors_security_1)

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## **Emergency Services Sector**

32. *July 22, Washington Post (DC)* — **Public less fearful of terrorist attack; trend worries preparedness officials.** The percentage of Americans who have created an emergency plan for a terrorist attack has dropped in the past year, along with the proportion of Americans who believe that terrorists may strike near their home or workplace, according to a study released Tuesday, July 20. **A Red Cross survey, conducted in June, found that the percentage of Americans who have created a family emergency plan on where to meet after a terror strike has dropped from 40 percent in August 2003 to 32 percent as of the study. The Red Cross poll also found that the percentage of people who had assembled home emergency kits remained stable between 2003 and this year, at 42 percent.** But only one in 10 families has taken all three steps considered crucial for preparation: creating emergency kits and family plans for reuniting after a disaster, as well as getting training in first aid, the Red Cross study said.

Source: <http://www.washingtonpost.com/wp-dyn/articles/A21-2004Jul20.html>

33. *July 21, Greenwich Time (CT)* — **Town officials get emergency lessons.** Town and city governments around Connecticut need to delegate responsibility and leadership for responses to terrorist attacks and natural disasters, the state's top emergency management official told a gathering of Greenwich's department heads and public safety commanders Tuesday, July 20. **Three dozen town officials discussed their emergency planning in Greenwich's Emergency Operations Center at fire headquarters and heard state officials outline the National Incident Management System (NIMS), a new standardized national plan integrating state, local and federal disaster responses.** The Department of Homeland Security (DHS) links compliance with the system to how much federal preparedness money states will receive in the future, First Selectman Jim Lash said. Under the plan, the state and towns will be required to meet certain guidelines for training, equipment and planning by October 2005. Paul Connelly, the town's emergency management coordinator, said Greenwich has the basis of a good emergency management plan, but needs to update it to meet the federal mandate.

Source: <http://www.greenwichtime.com/news/local/scn-gt-emergency2jul21.0.6618240.story?coll=green-news-local-headlines>

34. *July 21, Northeast Booster (MD)* — **Railroad tank car offers training for disaster.** Each day, trains carrying hazardous materials barrel through Baltimore and surrounding areas, their paths often near thousands of workers and homes. A derailment or explosion could have a serious effect on such major employment centers as Rossville, Halethorpe, Owings Mills, Dundalk, Rosedale and Essex. Last week, the international oil and natural gas supplier BP gave local emergency responders a feel for what such a situation might be like. **BP's Safety Train, a railcar modified to facilitate training, rolled into the BP–Castrol packaging facility on Pulaski Highway, just north of the Baltimore Beltway, to show emergency personnel first on the scene what to expect.** During the July 13–15 visit, BP held six training sessions for hazardous materials teams from Baltimore and Harford counties, Baltimore City and the state as well as BP employees. Issues such as leaks, missing parts and faulty valves were all presented to the group. In one scenario, one compartment of the train was partially filled with water, then pressurized, to allow a realistic simulation of both liquid and vapor leaks. The training was a useful complement to regular classroom training, said Clarence Ross, a crew chief with Harford County's 31–member hazardous materials team.  
Source: [http://news.mywebpal.com/news\\_tool\\_v2.cfm?pnplID=807&NewsID=561587&CategoryID=5800&show=localnews&om=1](http://news.mywebpal.com/news_tool_v2.cfm?pnplID=807&NewsID=561587&CategoryID=5800&show=localnews&om=1)

35. *July 19, Associated Press* — **Voice–over–Internet Protocol (VoIP) becoming safe choice for emergencies.** Following the September 11, 2001, terrorist attacks, Department of Commerce officials realized the agency's emergency warning system didn't work. Largely dependent on an antiquated and unreliable public address system, agency officials couldn't reach their staff quickly enough to keep everyone safe. During the past three years, Commerce officials have worked to solve the problem. If an emergency were to threaten people at headquarters today, staff members would hear special alerts delivered via their phones. **Thanks to a new software application that runs in conjunction with the agency's voice–over–IP (VoIP) network, IP speaker phones emit emergency broadcasts.** The emergency system premiered in the Department of Commerce's headquarters in late 2002. A similar system is being implemented at the U.S. Census Bureau.  
Source: [http://www.usatoday.com/tech/news/2004-07-19-voip-act-2\\_x.htm](http://www.usatoday.com/tech/news/2004-07-19-voip-act-2_x.htm)

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## **Information Technology and Telecommunications Sector**

36. *July 21, New Scientist* — **Trillions more internet addresses may emerge.** A new identification technology has been built into a number of the Internet's "root" servers, which supply subsidiary servers, announced the U.S.–based independent body that coordinates the internet's address system, the Internet Corporation for Assigned Names and Numbers (ICANN), on Wednesday, July 21. There are 13 root domain name servers that hold the master records for all such address mappings. But the range of numbers used under the current system, Internet Protocol Version 4 (IPv4), is slowly running out and about two thirds of the 4.3 billion numbers allocated have been used up so far. So a new set of rules, called IPv6, has been designed to take its place. **IPv6 will increase the number of numerical addresses massively, increasing capacity to 340 billion, billion, billion, billion numbers. This should allow for virtually any number of new computers or devices to be connected to the Internet in the future.** Ben Laurie, a programmer who works on a number of Internet software projects, says **perhaps the**



most important aspect of IPv6 is that it includes in-built encryption. This will make it easier to make Internet communications secure by from eavesdropping.

Source: <http://www.newscientist.com/news/news.jsp?id=ns99996192>

37. *July 21, Federal Computer Week* — **Experts: Cybersecurity needs education, standards, partnerships.** Partnerships, education and standards are important to strengthening the information technology workforce's ability to protect the nation's infrastructure, experts and lawmakers said Wednesday, July 21, at a hearing of the House Science Committee. Enacted in 2002, the Cyber Security Research and Development Act designates the National Science Foundation (NSF) as the lead agency for civilian cybersecurity research and education and authorizes \$216 million between fiscal years 2003 and 2007 for NSF cybersecurity, education and training programs. **The foundation sponsors programs at every level of education to encourage students to use their cybersecurity training to work for the government. The programs appear to be successful, but the "federal government should exercise more leadership in convening and coordinating efforts between educators and industry to develop standards for certification and accreditation of cybersecurity courses and educational programs,"** said Rep. Bart Gordon (D-TN), the committee's ranking minority member.

Source: Experts: Cybersecurity needs education, standards, partnerships

38. *July 20, GAO* — **GAO-04-740: Homeland Security: Federal Leadership and Intergovernmental Cooperation Required to Achieve First Responder Interoperable Communications (Testimony).** The technology used to cast and count votes is one aspect of the multifaceted U.S. election process. The Government Accountability Office (GAO) examined voting technology, among other things, in a series of reports that it issued in 2001 following the problems encountered in the 2000 election. In October 2002, the Congress enacted the Help America Vote Act, which, among other things, established the Election Assistance Commission (EAC) to assist in the administration of federal elections. The act also established a program to provide funds to states to replace older punch card and lever machine voting equipment. As this older voting equipment has been replaced with newer electronic voting systems over the last 2 years, concerns have been raised about the vulnerabilities associated with certain electronic voting systems. **Among other things, GAO's testimony focuses on attributes on which electronic voting systems can be assessed, as well as design and implementation factors affecting their performance.**

Source: <http://www.gao.gov/new.items/d04975t.pdf>

### Internet Alert Dashboard

#### DHS/US-CERT Watch Synopsis

**Over the preceding 24 hours, there has been no cyber activity which constitutes an unusual and significant threat to Homeland Security, National Security, the Internet, or the Nation's critical infrastructures.**

**US-CERT Operations Center Synopsis:** Microsoft has released its July Security Updates. Two of these updates are of a critical nature and should be applied to

vulnerable systems. For more information, see Microsoft's bulletin  
[http://www.microsoft.com/security/bulletins/200407\\_windows.m\\_spx](http://www.microsoft.com/security/bulletins/200407_windows.m_spx)

Although scanning for SSL port 443 TCP has decreased in the last 24 hours, the US-CERT is continuing to closely monitor any associated activity.

#### Current Port Attacks

<b>Top 10 Target Ports</b>	9898 (dabber), 5554 (sasser-ftp), 137 (netbios-ns), 135 (epmap), 445 (microsoft-ds), 1023 (Reserved), 139 (netbios-ssn), 1434 (ms-sql-m), 4899 (radmin), 14232 (---) Source: <a href="http://isc.incidents.org/top10.html">http://isc.incidents.org/top10.html</a> ; Internet Storm Center
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To report cyber infrastructure incidents or to request information, please contact US-CERT at [soc@us-cert.gov](mailto:soc@us-cert.gov) or visit their Website: [www.us-cert.gov](http://www.us-cert.gov).

Information on IT information sharing and analysis can be found at the IT ISAC (Information Sharing and Analysis Center) Website: <https://www.it-isac.org/>.

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## **Commercial Facilities/Real Estate, Monument & Icons Sector**

**39. *July 21, Today's Sunbeam (NJ)* — City deals with bomb threat. A single bomb threat shook up business for the Salem County Courthouse, Fenwick Building and John Fenwick School in Salem, NJ, Tuesday, July 20.** Authorities said an unidentified person called the county operator around 11:00 a.m. and indicated that there were explosive devices in the courthouse and a "Fenwick" building, sending law enforcement officials into action. The Sheriff's Department evacuated roughly 100 county and public employees from the courthouse and Fenwick Building to St. John's Episcopal Church and closed Market Street while bomb-sniffing dog units from several local and out-of-county units scoured the facilities. Nothing was found during the search, said Salem County Prosecutor John T. Lenahan. Employees returned to work around 1:30 p.m. with additional security stationed at the buildings' doors. Because the caller did not specify which Fenwick-named building allegedly housed a bomb, authorities also evacuated two summer school classes and office staff from the John Fenwick School across town. A K-9 search found nothing, according to school officials. Source: [http://www.nj.com/news/sunbeam/index.ssf?/base/news-1/109040\\_163773890.xml](http://www.nj.com/news/sunbeam/index.ssf?/base/news-1/109040_163773890.xml)

**40. *July 21, Associated Press* — Vehicle explodes at hotel in Nashville, TN; homemade bomb suspected. A sport utility vehicle exploded in a parking lot at a Nashville, TN, hotel, killing one male inside. The explosion occurred late Tuesday, July 20, about a half-mile from the main entrance of Gaylord Opryland Resort and Convention Center, and about 200 feet from a day care center,** which was closed, said Jim Cavanaugh of the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF). Police said the blast was felt miles away, and it left nothing but a shell of the SUV. Investigators from the federal Joint Terrorism Task Force (JTTF) were at the scene, but FBI agent Doug Riggan said there was no reason to suspect terrorism. Cavanaugh said the cause hadn't yet been determined but investigators suspect a homemade bomb. Source: [http://abcnews.go.com/wire/US/ap20040721\\_1162.html](http://abcnews.go.com/wire/US/ap20040721_1162.html)

**41.**

*July 21, Associated Press* — **Illinois government office fire ruled arson.** A fire at a Illinois secretary of state's office on June 25, has been ruled "incendiary." The finding means that the fire was started by a human, either on purpose or by accident. The blaze caused no injuries and little damage, spokesperson Larry Langford said Tuesday, July 20. **The fire raised suspicions, however, because of its similarities to a deadly blaze at the Cook County Administration Building on October 17, 2003. Both fires started minutes before 5:00 p.m. on a Friday in a space used by the Illinois secretary of state's office, although the two were in separate buildings.** Police say they are investigating a possible connection between the two fires.  
Source: [http://abcnews.go.com/wire/US/ap20040721\\_737.html](http://abcnews.go.com/wire/US/ap20040721_737.html)

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## **General Sector**

Nothing to report.

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### **DHS/IAIP Products & Contact Information**

The Department of Homeland Security's Information Analysis and Infrastructure Protection (IAIP) serves as a national critical infrastructure threat assessment, warning, vulnerability entity. The IAIP provides a range of bulletins and advisories of interest to information system security and professionals and those involved in protecting public and private infrastructures. By visiting the IAIP Web page (<http://www.nipc.gov>), one can quickly access any of the following DHS/IAIP products:

[DHS/IAIP Alerts](#) – Advisories and Information Bulletins: DHS/IAIP produces two levels of infrastructure warnings. Collectively, these threat warning products will be based on material that is significant, credible, timely, and that addresses cyber and/or infrastructure dimensions with possibly significant impact.

[DHS/IAIP Daily Open Source Infrastructure Reports](#) – The DHS/IAIP Daily Open Source Infrastructure Report is a daily [Monday through Friday] summary and assessment of open–source published information concerning significant critical infrastructure issues.

[DHS/IAIP Daily Reports Archive](#) – Access past DHS/IAIP Daily Open Source Infrastructure Reports.

### **DHS/IAIP Daily Open Source Infrastructure Report Contact Information**

Content and Suggestions:

Send mail to [dhsdailyadmin@mail.dhs.osis.gov](mailto:dhsdailyadmin@mail.dhs.osis.gov) or contact the DHS/IAIP Daily Report Team at (703) 883–3644.

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### **Contact DHS/IAIP**

To report physical infrastructure incidents or to request information, please contact the National Infrastructure Coordinating Center at [nicc@dhs.gov](mailto:nicc@dhs.gov) or (202) 282-9201.

To report cyber infrastructure incidents or to request information, please contact US-CERT at [soc@us-cert.gov](mailto:soc@us-cert.gov) or visit their Web page at [www.us-cert.gov](http://www.us-cert.gov).

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